





Created: 1 day, 0 hours after earthquake

PAGER

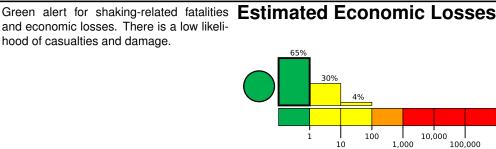
Version 4

M 5.4, Vanuatu region

Origin Time: 2022-02-13 14:48:02 UTC (Mon 02:48:02 local) Location: 21.0272° S 173.5595° E Depth: 10.0 km

Estimated Fatalities 10,000 1,000

and economic losses. There is a low likelihood of casualties and damage.

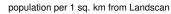


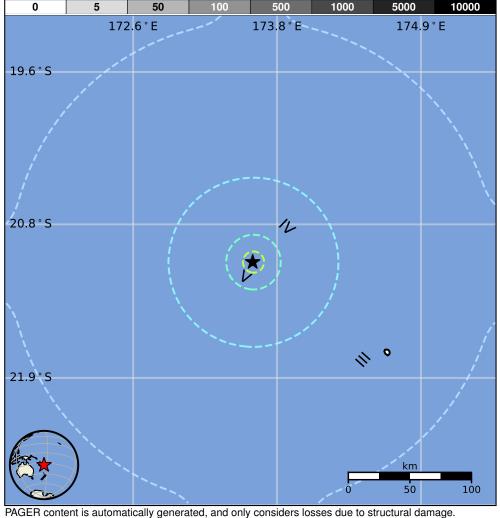
Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		_*	0	0	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY			11-111	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
DAMAGE	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

^{*}Estimated exposure only includes population within the map area.

Population Exposure





Structures

Overall, the population in this region resides in structures that are highly vulnerable to earthquake shaking, though some resistant structures exist. The predominant vulnerable building types are informal (metal, timber, GI etc.) and wood construction.

Historical Earthquakes

Date		Dist.	Mag.	Max	Shaking	
	(UTC)	(km)		MMI(#)	Deaths	
	1980-03-08	281	7.2	I(0)	_	
	1979-05-01	383	7.4	VI(1k)	_	
	1993-12-29	386	6.4	VI(4k)	_	

Selected City Exposure

from GeoNames.org

MMI City Population

bold cities appear on map.

(k = x1000)

Limitations of input data, shaking estimates, and loss models may add uncertainty.

https://earthquake.usgs.gov/earthquakes/eventpage/us7000gkjc#pager

Event ID: us7000gkjc